

IN THE SPECIFICATION:

Please replace the paragraph at page 1, lines 6-20, with the following replacement paragraph. A marked-up copy of the paragraph at page 1, lines 6-20, showing the changes made thereto, is attached.

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The present invention relates to a position and orientation determination apparatus, method, and a storage medium therefor for determining the position and orientation of a capture means before performing an image process to generate an augmented picture using an image in an unreal space such as computer graphics incorporated into the real space by measuring a parameter indicating the position and orientation of capture means (image pickup means) for capturing the real space with a method other than using a captured picture, and identifying information about a picture whose parameter has been captured. The present invention can also be applied to any means and method for determining the position and orientation of a capture device used for any purpose other than augmenting the real space and another space image.

Please replace the paragraph at page 2, lines 6-18, with the following replacement paragraph. A marked-up copy of the paragraph at page 2, lines 6-18, showing the changes made thereto, is attached.

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Therefore, in the conventional technology, some methods have been suggested to improve the precision of an external parameter (position and orientation of a camera) for capturing the real space. In one of the methods, a plurality of feature points